

Table 29. Doctoral scientists and engineers, by occupation and sex: 2001

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Occupation	Total	Male	Female	Total	Male	Female
	Number		Percent			
All occupations.....	656,030	490,000	166,030	100.0	74.7	25.3
Scientists.....	401,210	289,330	111,880	100.0	72.1	27.9
Computer and information scientists.....	37,410	32,110	5,300	100.0	85.8	14.2
Computer/information scientists.....	30,490	26,210	4,270	100.0	86.0	14.0
Postsecondary teachers, computer sciences.....	6,920	5,900	1,020	100.0	85.2	14.7
Mathematical scientists.....	24,590	19,710	4,880	100.0	80.2	19.8
Mathematical scientists.....	9,310	7,010	2,300	100.0	75.3	24.7
Postsecondary teachers, math sciences.....	15,280	12,700	2,580	100.0	83.1	16.9
Life and related scientists.....	123,680	87,050	36,620	100.0	70.4	29.6
Agricultural and food scientists.....	10,830	9,210	1,610	100.0	85.1	14.9
Biological scientists, excluding medical scientists.....	38,690	26,420	12,270	100.0	68.3	31.7
Medical scientists.....	31,650	19,880	11,770	100.0	62.8	37.2
Forestry and conservation scientists.....	1,360	1,120	230	100.0	82.7	16.9
Postsecondary teachers, biological sciences.....	25,400	18,090	7,300	100.0	71.2	28.7
Postsecondary teachers, other life and related sciences.....	15,750	12,320	3,430	100.0	78.2	21.8
Physical and related scientists.....	88,020	76,030	11,990	100.0	86.4	13.6
Chemists, except biochemistry.....	30,300	25,600	4,700	100.0	84.5	15.5
Earth scientists.....	10,430	9,330	1,100	100.0	89.4	10.5
Physics and astronomers.....	16,280	15,150	1,140	100.0	93.0	7.0
Other physical scientists.....	1,360	1,140	220	100.0	83.6	16.2
Postsecondary teachers, chemistry.....	13,150	10,500	2,650	100.0	79.8	20.2
Postsecondary teachers, physics.....	9,450	8,540	920	100.0	90.3	9.7
Postsecondary teachers, other physical and related sciences.....	7,050	5,790	1,260	100.0	82.1	17.9
Social scientists.....	54,120	38,060	16,060	100.0	70.3	29.7
Economists.....	8,890	6,970	1,910	100.0	78.5	21.5
Political scientists.....	1,750	1,390	360	100.0	79.3	20.6
Sociologists and anthropologists.....	4,690	2,390	2,300	100.0	50.9	49.0
Other social scientists.....	2,650	1,360	1,290	100.0	51.2	48.7
Postsecondary teachers, economics	9,720	8,270	1,450	100.0	85.1	14.9
Postsecondary teachers, political science	9,380	7,060	2,320	100.0	75.3	24.7
Postsecondary teachers, sociology	8,410	5,300	3,110	100.0	63.0	37.0
Postsecondary teachers, other social sciences	8,640	5,330	3,310	100.0	61.7	38.3
Psychologists.....	73,390	36,360	37,030	100.0	49.5	50.5
Psychologists.....	54,470	25,630	28,850	100.0	47.0	53.0
Postsecondary teachers, psychology.....	18,910	10,730	8,180	100.0	56.7	43.3
Engineers.....	86,080	79,420	6,650	100.0	92.3	7.7
Aerospace/aeronautical engineers.....	5,140	4,860	270	100.0	94.7	5.3
Chemical engineers.....	9,390	8,490	910	100.0	90.4	9.7
Civil and architectural engineers.....	4,440	4,220	220	100.0	95.1	5.0
Electrical and related engineers.....	17,990	16,850	1,140	100.0	93.6	6.3
Materials/metallurgical engineers.....	1,420	1,150	270	100.0	80.9	19.0
Mechanical engineers.....	9,490	9,030	460	100.0	95.2	4.8
Other engineers.....	19,260	17,180	2,080	100.0	89.2	10.8
Postsecondary teachers, engineering.....	18,940	17,650	1,300	100.0	93.1	6.9

See explanatory information and SOURCE at end of table.

Table 29. Doctoral scientists and engineers, by occupation and sex: 2001

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Occupation	Total	Male	Female	Total	Male	Female
	Number			Percent		
	168,740	121,240	47,500	100.0	71.8	28.1
Non-S&E occupations.....	86,680	69,270	17,420	100.0	79.9	20.1
Top/mid-level managers, administrators, etc.....	19,230	12,290	6,930	100.0	63.9	36.0
Health and related occupations.....	26,480	13,400	13,080	100.0	50.6	49.4
Teachers, except S&E postsecondary teachers.....	7,960	6,960	1,000	100.0	87.4	12.6
Technicians/technologists.....	7,760	6,100	1,660	100.0	78.6	21.4
Sales and marketing occupations.....	20,630	13,220	7,410	100.0	64.1	35.9
Other non-S&E occupations.....						

KEY: S&E=science and engineering.**NOTES:** If the respondent was unemployed during the survey reference period, occupation of last job was reported. Numbers are rounded to nearest ten. Details may not add to total because of rounding. Excludes estimated 518 individuals who reported never having worked so could not be classified by occupation.**SOURCE:** National Science Foundation/Division of Science Resources Statistics, 2001 Survey of Doctorate Recipients